

## 101.11 Specialty Steels (disk form)

Technical Contact: [john.sieber@nist.gov](mailto:john.sieber@nist.gov)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Elemental Composition (mass fraction, in %)													
SRM	Description	C	Mn	P	S	Si	Cu	Ni	Cr	V	Mo	W	Co
1157 Tool (AISI M2)		0.836	0.34	0.011	0.004	0.18	0.088	0.228	4.36	1.82	4.86	6.28	0.028
1158 High Nickel (Ni 36)		0.025	0.468	0.004	0.005	0.194	0.039	36.03	0.062	0.001	0.010		0.008
1233 Valve Steel		0.502	9.16	0.031	0.002	0.219	0.375	3.43	21.08	0.096	0.237	(0.01)	
1772 Tool (S-7)		0.447	0.61	0.008	0.0031	0.264	0.083	0.105	3.10	0.236	1.38		